

## HEV Fleet Testing

### Advanced Vehicle Testing Activities



#### 2002 Toyota Prius

VIN #  
JT2BK18U520038836



*Less dependence  
on Foreign oil,  
and eventual  
transition to an  
emissions-free,  
petroleum-free  
vehicle*

### Fleet Performance

#### Description:

This vehicle was assigned to an Electric Transportation Applications employee (in Phoenix, AZ) to accumulate mileage in home-to-work and local business travel missions, as well as a planned urban route as necessary to achieve monthly mileage objectives. Mileage accumulated in highway travel was less than 20% of the total miles driven.

#### Major Operations & Maintenance Events:

Rack and pinion replaced @ 25,000 and again @ 32,000 miles

Cost: under warranty

#### Operating Cost:

Purchase Cost: \$23,255 (11/01)\*

NADA Used Vehicle Price: \$16,825 (2/03)

Sale Price: \$16,000 (4/03)

Maintenance Cost: \$0.01/mile

Operating Cost: \$0.13/mile

Total Ownership Cost: \$0.55/mile

#### Operating Performance:

Total miles driven: 17,490

Cumulative MPG: 41.81

\* Purchase includes dealer price with options plus taxes. It does not include title, license, registration, extended warranty or delivery fee costs.

### Vehicle Specifications

**Engine:** 4-cylinder, 52 kW @ 4000 rpm

**Electric Motor:** 33 kW

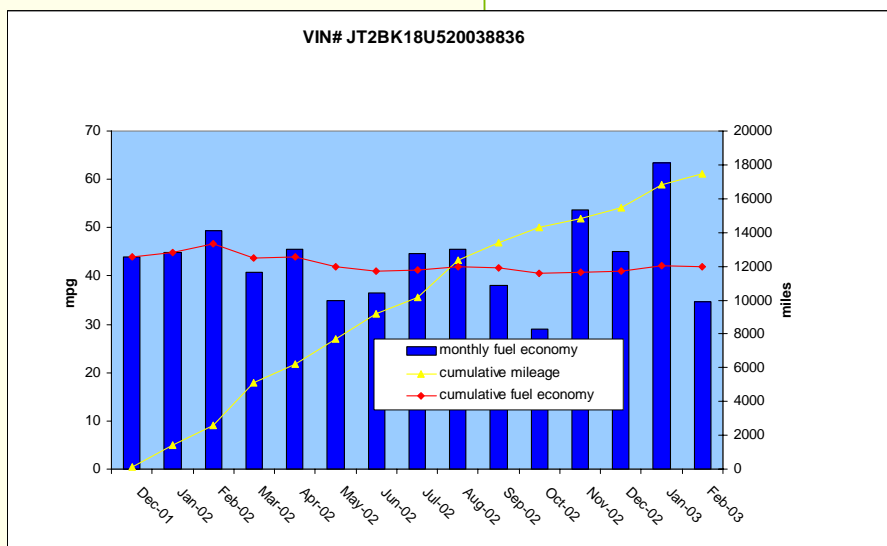
**Battery:** Nickel Metal Hydride

**Seatbelt Positions:** Five

**Payload:** 865 lbs

**Features:** Regenerative Braking  
CVT Transmission

See HEVAmerica Baseline Performance Fact Sheet for more information.



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**Energy Efficiency  
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